

Patent [19]

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[54] PHOTOCATALYST PURIFYING DEVICE

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[57] ABSTRACT

PROBLEM TO BE SOLVED: To provide a photocatalyst purifying device which can improve deodorization and sterilization efficiency by giving a sufficient catalytic function by a light excited catalytic material to a treated fluid.

SOLUTION: The photocatalyst purifying device in which in a flow space 8 formed between an upstream photocatalyst filter 5 and a downstream photocatalyst filter 6, an ultraviolet irradiating means 10 irradiating each of the photocatalyst filters 5 and 6 with ultraviolet rays is provided and in which treated flowing in from the upstream photocatalyst filter 5 passes through the flow space 8 and flow out from the downstream photpcatalyst filter 6, wherein flow inhibiting means 12, 31, 41, 51, 61, and 71 which inhibit the flow of the treated fluid are provided.

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